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*Separate paging is given to this Part in order that it may be filed as a separate compilation.***PART II—SECTION 1****Notifications and Notices issued by the Patent Office relating to Patents and Designs****THE PATENT OFFICE****Patents and Designs***Calcutta, the 10th January 1948***Applications for Patents****TITLES HAVE BEEN ABRIDGED***From 29th December to 30th December 1947*

38786. Imperial Chemical Industries Limited. Biguanide derivatives. (1st February 1947).

38787. Imperial Chemical Industries Limited. Ammonium nitrate. (6th January 1947).

38788. E. I. Du Pont de Nemours and Company. Explosive compositions.

38789. Ciba Limited. New amines. (30th December 1946).

38790. Ashley Accessories Limited. Electric switches.

38791. Ashley Accessories Limited. Electrical connectors.

38792. O. Gaudin. Organic substances containing sulphur and new substances resulting therefrom. (15th July 1946).

38793. Norsk Hydro-Elektrisk Kvaerstof-Aktieselskab. Recovering potassium from diluted solutions.

38794. I. L. Epstein. Spring assemblies for cushioning articles.

38795. M. Quercia and G. Ferdinand. Lighters or igniters.

38796. International Combustion Limited. Conveyor idlers. (29th January 1947).

38797. La Cellulose Du Pin. Concentration of liquids.

38798. May & Baker Limited. X-Ray contrast media and to the production of X-Ray photographs therewith.

38799. Standard Telephones and Cables Limited. Electric boardband carrier communication system. (2nd January 1947).

38800. Standard Telephones and Cables Limited. Electric pulse modulation systems of communication. (2nd January 1947).

38801. Standard Telephones and Cables Limited. Electric power supply systems. (15th January 1947).

38802. Standard Telephones and Cables Limited. Telegraph relays. (24th January 1947).

38803. Standard Telephones and Cables Limited. Switching systems. (4th October 1946).

38804. Rotative Mechanism Limited. Spiral gear pumps, engines or compressors. (19th March 1947).

38805. Aktiebolaget Isoflex. Multilayer insulation.

38806. Aktiebolaget Isoflex. Multilayer insulation.

38807. Aktiebolaget Isoflex. Insulation from silicon polymers.

38808. Aktiebolaget Isoflex. Foil material and a multilayer insulation produced therefrom.

38809. Aktiebolaget Isoflex. Heat insulating board.

38810. F. Hejduk and J. Neumann. Liquid flow meters.

38811. J. Neumann and Hefa National Corporation. Flow-through meters.

38812. J. Neumann and Hefa National Corporation. Flow meters for high working pressures.

38813. Tecalemit Limited. Centrifuge machines. (17th January 1947).

38814. Goodyear Aircraft Corporation. Airplane landing gear.

38815. Wingfoot Corporation. Link-mounted brake.

38816. American Cyanamid Company. Production of granules of ion exchange resin.

38817. Schlage Lock Company. Door locks.

38818. Schlage Lock Company. Door locks.

38819. L. F. Kreger. Concrete mould.

38820. D. H. Brown. Cereal grain flour and method of producing the same.

38821. Graver Tank & Mfg. Co., Inc. Tray-type clarifiers.

38822. Johnson and Phillips Limited. Electric Cables. (27th November 1946).

38823. S. R. Rao, A. N. Rao and M. Sreenivasa. Production of distillery washes having alcohol concentration of 10 to 14 per cent. by volume.

38824. N. V. Philips' Gloeilampenfabrieken. Glass objects into which a supply conductor is sealed with the intermediary of a glass bead.

38825. N. V. Phillips' Gloeilampenfabrieken. Mechanical treatment of bodies consisting of two or more conductors surrounding each other and being separated from each other by insulating material.

38826. N. V. Philips' Gloeilampenfabrieken. Electron tubes exhibiting a slight secondary anode-emission.

38827. N. V. Philips' Gloeilampenfabrieken. Electric discharge tubes.

38828. N. V. Philips' Gloeilampenfabrieken. Closed vessels more particularly an electric discharge tube, incandescent lamp or similar body.

38829. N. V. Philips' Gloeilampenfabrieken. Electric discharge tubes.

38830. N. V. Philips' Gloeilampenfabrieken. Hot-gas engines.

38831. N. V. Philips' Gloeilampenfabrieken. Magnetic cores and to a method of manufacturing the same.

38832. N. V. Philips' Gloeilampenfabrieken. Manufacturing a magnetic material and magnetic core.

38833. N. V. Philips' Gloeilampenfabrieken. Method of controlling the power of a hot-gas motor.

38834. N. P. Philips' Gloeilampenfabrieken. Hermetically sealed vessels.

38835. N. V. Philips' Gloeilampenfabrieken. Electric discharge tubes comprising one or more built-in condensers.

38836. N. V. Philips' Gloeilampenfabrieken. Methods of manufacturing bodies consisting of a core of chromo-iron of a similar chromium alloy and of a thin layer of another material.

38837. N. V. Philips' Gloeilampenfabrieken. Methods of coating bodies with a layer of glazing, enamel or similar material.

38838. N. V. Philips' Gloeilampenfabrieken. Medicinal vitamin-C tablets.

38839. N. V. Philips' Gloeilampenfabrieken. Circuit arrangements including a cathode ray tube comprising cathode ray beam deflecting means.

38840. N. V. Philips' Gloeilampenfabrieken. Methods of manufacturing filaments and recrystallised single or multiple spirals from tungsten.

38841. N. V. Philips' Gloeilampenfabrieken. Magnetic cores and process for the manufacture of magnetic material.

38842. N. V. Philips' Gloeilampenfabrieken. Hot gas apparatus comprising a heater surrounding the hot chamber.

38843. Rotary Hoes Limited. Cutting tools for rotary digging machines. (24th March 1944).

38844. N. R. Kamfjord. Hinge for doors, windows or the like.

38845. Imperial Chemical Industries Limited. Seed dressings. (1st January 1947).

38846. Imperial Chemical Industries Limited. Process for textile colouration. (17th January 1947).

38847. Cutting Room Appliances, Inc. Automatic cloth laying-up machine. (27th September 1947).

38848. American Cyanamid Company. Purification of sugar solutions.

38849. Allen Jigger Corporation. Machines for forming articles of plastic material.

38850. P. R. Mallory & Co., Inc. Alkaline dry cell.

38851. Ford Motor Company of Canada, Limited. Convertible top construction for motor vehicles.

38852. S. N. Gundurao and B. C. Joshi. The rao-joshi rotary crystallizer for producing uniform large crystals in general and coffee and sugar candy crystals in particular, of uniform and regular shape.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 8 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.
30104. Birmingham Electric Furnaces Limited, A. G. E. Robiette and P. F. Hancock. Improvements in or relating to the decarburization of austenitic manganese cast iron alloys.

Decarburising austenitic manganese cast iron alloys by agent non-oxidising to the alloy, but decarburising to carbon content.

33275. Power Jets (Research & Development) Limited. Improvements relating to combustion systems for gas turbines and power units. (9th December 1939).

Combustion chamber having air-casings interconnected each one of it containing a flame tube which also are interconnected one end of which fuel is supplied under pressure from a common source.

34406. Wingfoot Corporation. Rubber vulcanizate composition.

Comprises a rubber stiffened with a resinous material and a cellulosic flock material.

34597. Vandervell Products Limited. Improvements in and relating to electrolytic baths for use in indium plating. (2nd January 1945).

Electrolytic bath made from a soluble indium salt, an alkaline metal cyanide, a polyhydric alcohol, alkali metal hydroxide.

35106. G. S. Milner. Improvements in or relating to oil burners and oil burning apparatus.

Fuel oil and water introduced into burner upon a hot plate igniting the mixture, flame being directed to apparatus to be heated.

35148. L. Rado. Process for providing designs on pliable thin sheets or films produced from thermoplastic substance. (15th May 1945).

Pliable elastic sheet is provided with designs by placing the said sheet between two non-thermoplastic media of which at least one is pliable and is provided with a desired design and applying heat and pressure through the design carrier.

35428. H. J. Haycock and H. G. C. Wilson. Improvements connected with screw thread taps. (24th January 1946).

A part of the tap has a complete thread, a lead formed on the forward end of the tap, and cut away parts in the tap lead from the cutting edges and extend through the lead into, but not through, the full thread form of the tap.

35514. British Insulated Callender's Cables Limited and Automatic Telephone & Electric Company Limited. Improvements relating to the operation of overhead fittings in electric traction systems. (23rd August 1945).

Audio frequency signal current generated on vehicle and transmitted inductively to control circuit.

35520. Societe Chimique Et Routiere De La Gironde. Material for surfacing highways and other earth surfaces, process and products intended for its preparation and its application.

Light gravel is covered with two successive coats of tar or similar product and bitumen or similar substance and the two layers are impregnated and covered over with soda lye.

35633. Harry Ferguson, Inc. A soil working or earth-boaring attachment for tractors. (10th November 1945).

Soil-working element and ground engaging frame connected together and operated by power lift device on the tractor.

36993. S. J. Everett. Improvements relating to the formation of glass and other thermoplastic tubes.

Glass tubes formed on mandrel of cylindrical length, followed by parallel length different in cross-section or same but of different transverse dimensions.

37109. P. J. Gillespie. Improvements in and relating to rocker-type blotters (5th April 1946).

Superimposed strips of blotting paper the upper and lower surfaces being pre-curved concavely and convexly respectively on a former or holder.

37554. B. J. Chawhan. An adjustable hanger for pictures, photos or the like. *Adjustable main and side hangers.*

37573. J. A. Clark. Improvements in and relating to door locking means for motor vehicles.

Outer handle operatively connected to the latch and having means for uncoupling the handle from latch spindle.

37745. F. A. Middleton. Improvements in babies' teats, feeding appliances comforters or the like.

Having a nipple and a guard the latter comprising a hollow body fitted with air to form pneumatic cushion.

37839. Aktiebolaget Ljungströms Angturbin. Improvements in rotary devices of the helical screw wheel type.

Male rotor with helical lands of convex cross section intermeshing with female rotor with helical bands and concave cross section band lying within its pitch circle.

37872. Standard Telephones and Cables Limited. Improvements in or relating to open wire carrier current transmission system. (4th September 1946).

Means for transmitting over a given circuit a broad side-band and means for transmitting two or more relatively narrow side bands within the frequency range of first side band and inverted.

37885. Joshua Bigwood & Son Limited. Improvements in machines for straightening rods or tubes.

Comprises three passes, each having a pair of rolls adapted to engage the work at opposite sides thereof.

37919. H. R. Ricardo. Improvements in or relating to internal combustion engines. (28th August 1946).

Exhaust conduit is surrounded by a space filled with air which is delivered for supercharging the cylinders.

37959. D. Comino. Improvements in constructional elements. (28th June 1946).

Angular section having a line of holes in one flange and two parallel lines of holes in another flange.

37995. Standard Telephones and Cables Limited. Improvements in or relating to carrier current transmission systems. (29th November 1946).

Principal channels occupy a plurality of adjacent relatively narrow frequency bands.

38685. S. J. Everett. Improvements relating to the formation of glass and other thermoplastic tubes. (Divided out of No. 36993).

Drawing the tubing over a mandrel while heating the tubing only in the vicinity of the mandrel.

Patents Sealed

32284.	32345.	32372.	32467.	32582.	32930.
32933.	32981.	33108.	33348.	33398.	33494.
33531.	33638.	33665.	33882.	33926.	33988.
33999.	34188.	34430.	34453.	35086.	35135.
35248.	35349.	35410.	35413.	35677.	

Renewal fees paid

21570.	21780.	22467.	22551.	22653.	22759.
23315.	23684.	23822.	23823.	23824.	24500.
24924.	24989.	26254.	27236.	27250.	27291.
27354.	27826.	27956.	27966.	28577.	28659.
28731.	28742.	28751.	28752.	28753.	28754.
28755.	28756.	29401.	29442.	29491.	29627.
29647.	30129.	30298.	30372.	30408.	30452.
30590.	30618.	30663.	30736.	30862.	30957.
31083.	31110.	31168.	32155.	32217.	32218.
32219.	32293.				

K. RAMA PAI,
Controller of Patents & Designs.